

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE 1	OF PAGES 1
2. AMENDMENT/MODIFICATION NO. 00006	3. EFFECTIVE DATE June 13, 2001	4. REQUISITION/PURCHASE NO. W32CS510401967	5. PROJECT NO. (If applicable)		
6. ISSUED BY CODE	W32RY2	7. ADMINISTERED BY CODE			
JACKSONVILLE DISTRICT OFFICE US ARMY CORPS OF ENGINEERS PO BOX 4970 JACKSONVILLE, FL 32232-0019					
8. NAME AND ADDRESS OF CONTRACTOR (No., street county state & zip code)			9A. AMENDMENT OF SOLICITATION NO.		
			X DACW17-01-B-0007		
			9B. DATED (SEE ITEM 11) June 13, 2001		
			10A. MODIFICATION OF CONTRACT/ ORDER NO.		
			10B. DATED (SEE ITEM 13)		
CODE	FACILITY CODE				

# 11. THIS ITEM ONLY APPLIES TO AMENDMENT OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is ☐ extended, ☐ not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

## 12. ACCOUNTING AND APPROPRIATION DATA (If required)

## 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return -0- copies to the issuing office

## 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible). Jacksonville Harbor, Construction Dredging (Phase 1), 38-Foot Project, Cut-F-through Cut-G, Duval County, Florida

Above Solicitation Bid Opening Date: Monday, June 25, 2001, 2:00pm, Room 205. (Bids must be delivered to room 867 before 2:00pm, June 25, 2001.)

This amendment posted on Jacksonville District Web Site Only.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

SF 30 CONTINUATION SHEET

1. SPECIFICATIONS:

**DESCRIPTIVE SPECIFICATION CHANGES:** The following is a descriptive change to the specifications. The Specifications should be adequately marked to indicate that they have been changed.

SECTION 02325: DREDGING; In the table in paragraph 2.1.6 on Page 8 titled "Jacksonville Harbor Materials Calendar Year 2000 Evaluation" under "Predominant Virgin Materials", CHANGE the word "Sand" to read "Non-Rock".

2. DRAWINGS:

D.O. File No. 1-38,097 dated July 2000 in 29 Sheets + Cover:

NO CHANGES.

Wood-Hopkins has provided the Corps of Engineers with a copy of an exploration they have performed in Cuts "F" and "G" titled: "PROBING FOR ROCK ON CUT F AND G". The Corps of Engineers is making this information available to prospective bidders for "informational purposes only". The Corps of Engineers is making no representations concerning the Wood-Hopkins investigation. It is the responsibility of the bidders to evaluate this data and to use it as appropriate.

Five (5) Wood-Hopkins "For Information Only" Files:

--Operating Instructions.pdf

--woodhop1.pdf

--woodhop2.pdf

--woodhop3.pdf

--Cuts F and G.dwg [NOTE: This file is the original AutoCad file for woodhop 1.pdf through woodhop3.pdf drawing files.]



**MODEL 416  
VIBRATORY  
DRIVER/EXTRACTOR**

# OPERATING INSTRUCTIONS

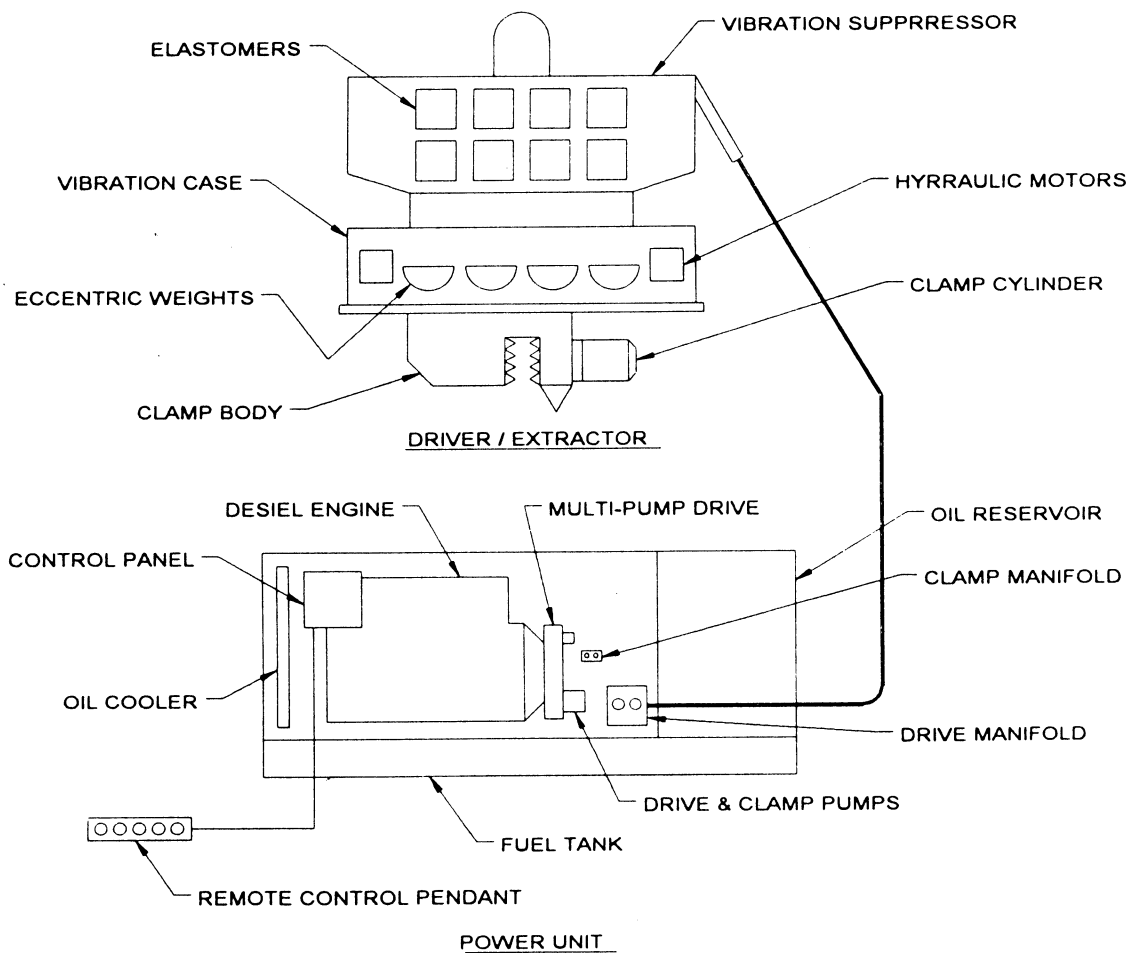
## I. GENERAL DESCRIPTION

### A. GENERAL

The ICE Model 416L is a low-frequency vibratory pile driver/extractor designed to drive and extract sheet, pipe, timber and concrete piles, caisson pipe and H, I and wide-flange beams.

The Model 416L operates in a frequency range of 700 to 1540 vibrations per minute to provide maximum pile penetration rates in a wide variety of soils. The unit has an eccentric moment of 2200 inch-pounds (25.3 kg-M) and produces a maximum amplitude of .100 inch (25.4mm).

The vibratory driver unit consists of two major components. (1) The vibrator with attached clamp and (2) the power unit with remote control pendant.





**MODEL 416  
VIBRATORY  
DRIVER/EXTRACTOR**

# OPERATING INSTRUCTIONS

## I. GENERAL DESCRIPTION

### E. REMOTE-CONTROL PENDANT

The vibrator is operated by a hand-held remote control pendant. The pendant has three, two-way switches and two push buttons, (one with a light). One switch (SLOW-FAST) raises and lowers the diesel engine speed. The second switch (REVERSE-FORWARD) starts and stops the vibrator. The other switch (OPEN-CLOSE) operates the hydraulic clamp. The light indicates that adequate clamping pressure exists for vibration to begin. The (red mushroom) push button (EMERGENCY STOP) shuts down the diesel engine instantly, in the event of an emergency. Note: Controls are duplicated on the control panel in case the pendant is damaged. (See pg.III-5, Section E-e)

### F. SPECIFICATIONS

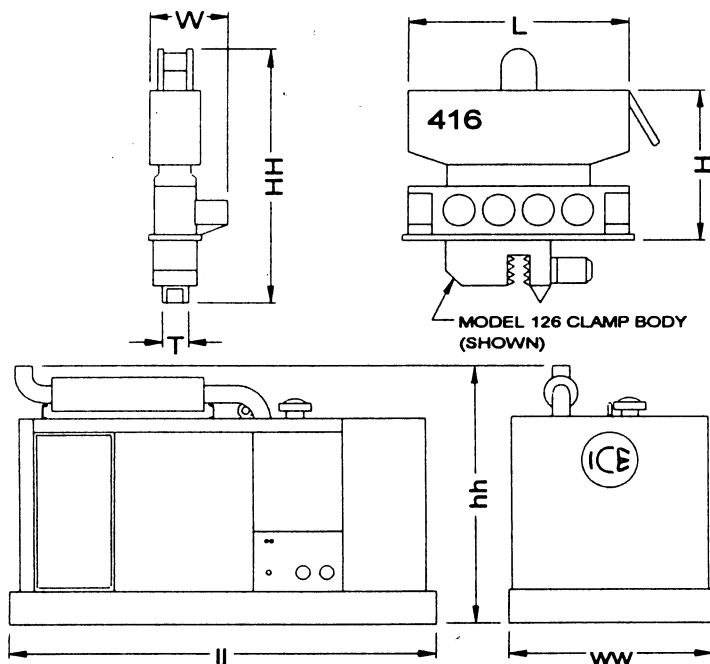
1. Constant improvement and engineering progress make it necessary that we reserve the right to make specification changes without notice.

#### 2. MODEL 416L VIBRATOR (with hydraulic clamp)

Type.....	Hydraulic
Eccentric Moment .....	2200 In-lbs.(25.3kg-M)
Frequency.....	760-1600 VPM
Amplitude.....	1.00 in. (25.4mm)
Pile Clamping Force.....	125 Tons (1112kN)
Max. Line Pull for Extraction.....	40 Tons (356kN)
Suspended Weight with 126 Clamp and half hoses .....	9,975 lbs. (4525kg)
Length [L] .....	95 in. (241cm)
Width [W].....	17 in. (43cm)
Throat Width [T] .....	14 in. (35.5cm)
Height with Clamp [HH].....	101 in.(256.5cm)
Height without clamp [H].....	69 in. (175cm)

#### 3. MODEL 325 POWER UNIT

Type.....	Diesel
Engine .....	CAT 3306TA
Horsepower (2100 RPM).....	325 (242.5kW)
Weight .....	10,485 lbs. (4756kg)
Length [L] .....	126in. (320cm)
Width [ww].....	60 in. (152cm)
Height [hh].....	79 in. (201cm)



# PROBING FOR ROCK ON CUT F AND CUT G

LOCATED in the BLOUNT ISLAND FEDERAL CHANNEL (WEST) ST JOHNS RIVER DUVAL COUNTY FLORIDA

## NOTES

- 1 ALL ELEVATIONS ARE IN FEET AND TENTHS OF A FOOT
- 2 ELEVATIONS ARE REFERENCED TO MEAN LOW WATER.
- 3 ELEVATIONS SHOWN ARE BELOW THE REFERENCE DATUM UNLESS PRECEDED BY (+)
- 4 COORDINATE BASIS IS THE FLORIDA STATE PLANE SYSTEM EAST ZONE NORTH AMERICAN DATUM OF 1983 (NAD83)
- 5 HORIZONTAL POSITION WAS MAINTAINED WITH A TRIMBLE 212H DGPS ANTENNA AND RECEIVER

## PROCEDURE USED FOR TEST PROBING

- 1 TEST PROBING WAS CONDUCTED WITH AN ICE VIBRATORY HAMMER AND A 14 X60 H BEAM MARKED IN FOOT INCREMENTS
- 2 THE BEAM CLAMPED IN THE VIBRATORY HAMMER WAS LOWERED TO THE CHANNEL FLOOR AFTER REACHING THE CHANNEL FLOOR THE VIBRATORY HAMMER WAS TURNED ON AND THE BEAM WAS LOWERED UNTIL IT PASSED PROJECT DEPTH OR ROCK WAS ENCOUNTERED
- 3 TIDE LEVELS WERE CHECKED EVERY FIVE MINUTES AND THE DEPTH OF BEAM WAS REDUCED ACCORDINGLY

## APPROXIMATE AREA WITHIN DREDGE LIMITS CONTAINING ROCK

38 MLW AND ABOVE  
±151 700 SQUARE FEET  
±3.5 ACRES

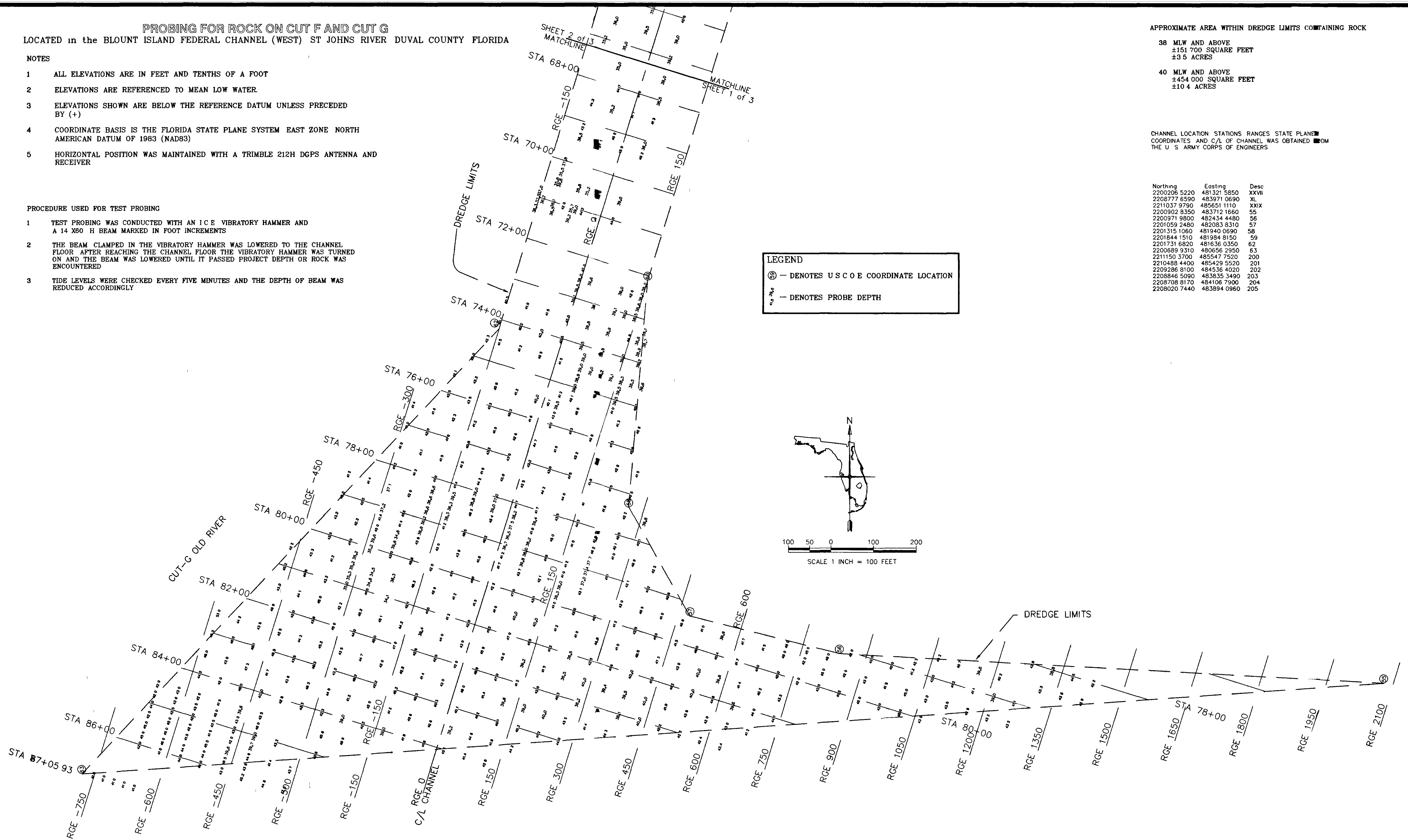
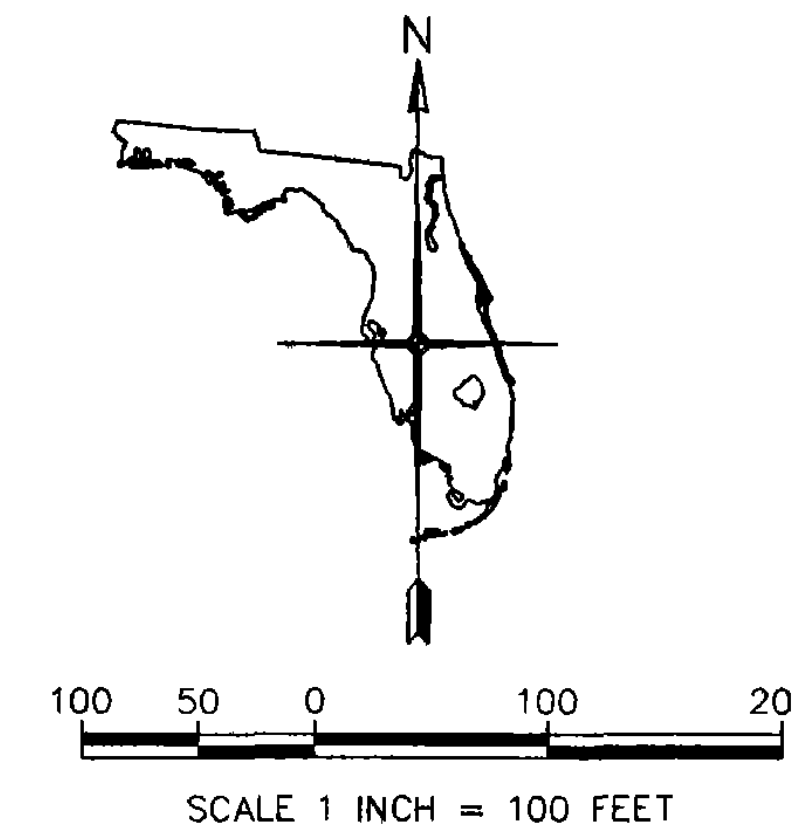
40 MLW AND ABOVE  
±454 000 SQUARE FEET  
±10.4 ACRES

CHANNEL LOCATION STATIONS RANGES STATE PLANE  
COORDINATES AND C/L OF CHANNEL WAS OBTAINED FROM  
THE U S ARMY CORPS OF ENGINEERS

Northing	Easting	Desc
2200206 5220	481321 5850	XXVII
2208777 6590	483971 0690	XL
2211037 9790	485651 1110	XXIX
2200902 8350	483712 1660	55
2200971 9800	482434 4480	56
2201059 2480	482083 8310	57
2201315 1060	481940 0690	58
2201844 1510	481984 8150	59
2201731 6820	481636 0350	62
2200689 9310	480656 2950	63
2211150 3700	485547 7520	200
2210488 4400	485429 5520	201
2209286 8100	484536 4020	202
2208846 5090	483835 3490	203
2208708 8170	484106 7900	204
2208020 7440	483894 0960	205

## LEGEND

- ⑤ - DENOTES US CO E COORDINATE LOCATION
- DENOTES PROBE DEPTH



WOOD HOPKINS CONTRACTING COMPANY  
1901 HILL STREET  
JACKSONVILLE FLORIDA 32206  
904-353-5521

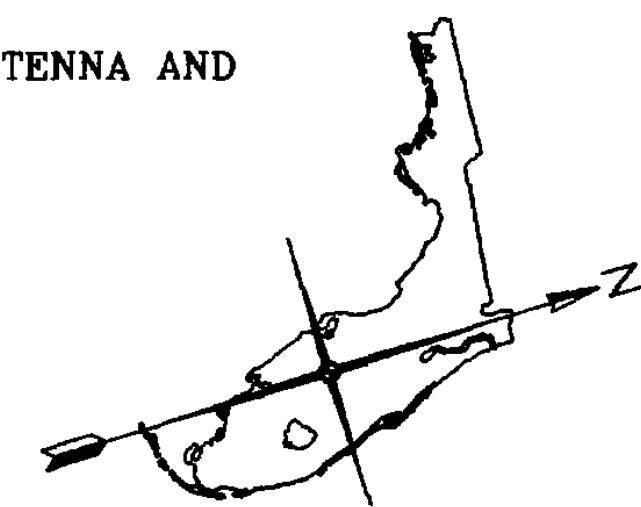
DATE OF SURVEY MAY 2001  
SCALE 1"=100'  
SHEET 1 OF 3  
DRAWN BY C R KENNEDY

# PROBING FOR ROCK ON CUT F AND CUT G

LOCATED in the BLOUNT ISLAND FEDERAL CHANNEL (WEST) ST JOHNS RIVER DUVAL COUNTY FLORIDA

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100 50 0 100 200  
SCALE 1 INCH = 100 FEET

## PROCEDURE USED FOR TEST PROBING

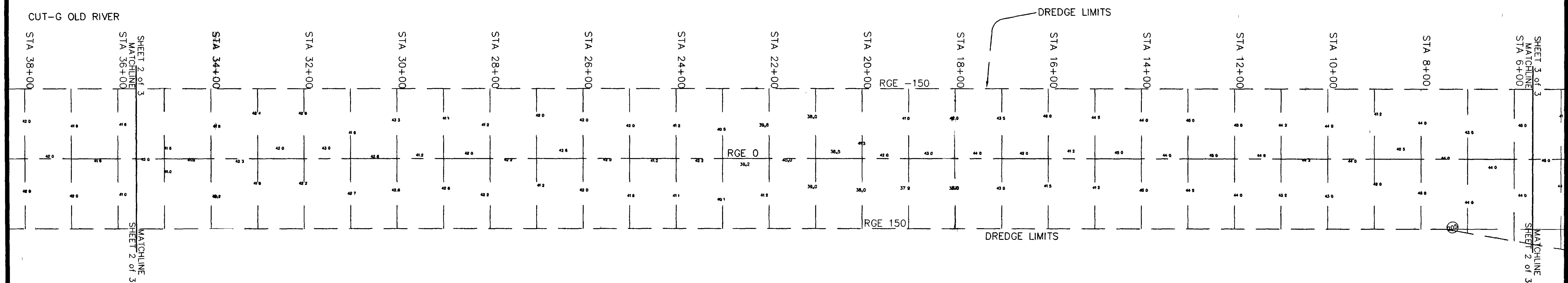
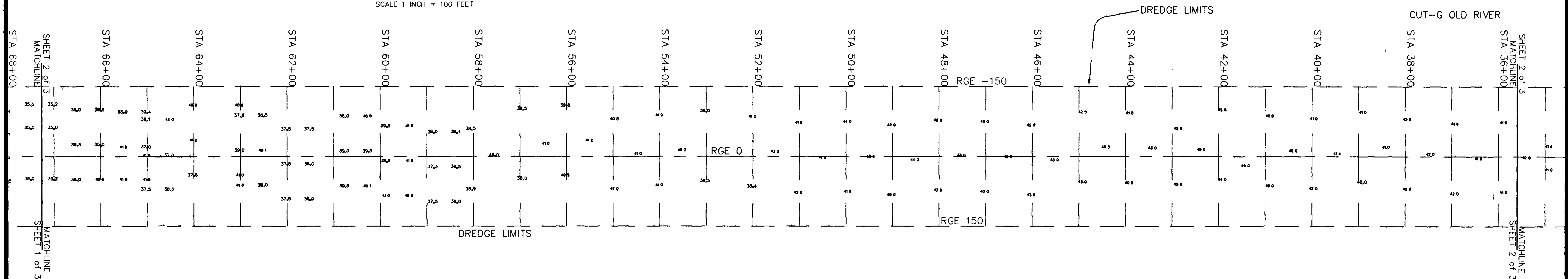
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SEE SHEET 1 of 3 FOR CONTROL DATA AND AREA WITH ROCK COVERAGE

## LEGEND

⊗ — DENOTES US C O E COORDINATE LOCATION

36.6 — DENOTES PROBE DEPTH  
41.5



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904-353-5521

DATE OF SURVEY MAY 2001  
SCALE 1"=100'  
SHEET 2 OF 3  
DRAWN BY C R KENNEDY

PROBING FOR ROCK ON CUT F AND CUT G

LOCATED in the BLOUNT ISLAND FEDERAL CHANNEL (WEST) ST JOHNS RIVER, DUVAL COUNTY FLORIDA

NOTES

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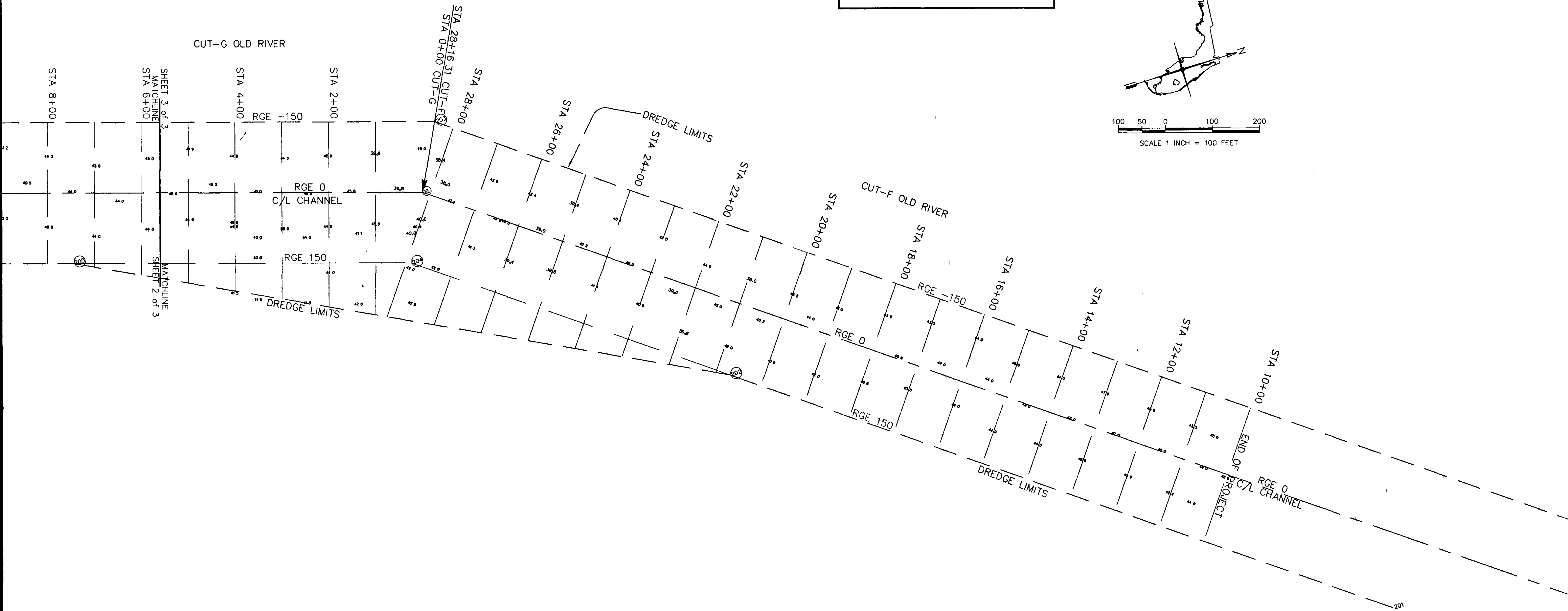
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SEE SHEET 1 of 3 FOR CONTROL DATA AND AREA WITH ROCK COVERAGE

LEGEND

- ⊙ — DENOTES U S C O E COORDINATE LOCATION
- 39.6  
42.5 — DENOTES PROBE DEPTH



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DATE OF SURVEY MAY 2001  
SCALE  
SHEET 3 OF 3  
DRAWN BY C R KENNEDY